

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,535,355	08/13/85	Arn et al.	358/123	
	4,538,174	08/27/85	Gargini et al.	358/86	
	4,539,676	09/03/85	Lucas	370/60	
	4,540,849	09/10/85	Oliver	179/2 AM	
	4,543,616	09/24/85	Brooks	358/335	
	4,544,963	10/01/85	Jacoby et al.	360/40	
	4,546,382	10/08/85	McKenna et al.	358/84	
	4,546,387	10/08/85	Glaab	358/186	
	4,550,407	10/29/85	Couasnon et al.	371/29	
	4,553,252	11/12/85	Egendorf	377/15	
	4,554,418	11/19/85	Toy	179/2 DP	
	4,554,584	11/19/85	Elam et al.	358/165	
	4,558,464	12/10/85	O'Brien, Jr.	455/4	
	4,562,306	12/31/85	Chou et al.	178/22.08	
	4,562,465	12/31/85	Glaab	358/120	
	4,562,495	12/31/85	Bond et al.	360/78	
	4,563,702	01/07/86	Heller et al.	358/119	
	4,566,030	01/21/86	Nickerson et al.	358/84	
	4,566,034	01/21/86	Harger et al.	358/194.1	
	4,567,512	01/28/86	Abraham	358/86	
	4,570,930	02/18/86	Matheson	273/1 E	
	4,573,072	02/25/86	Freeman	358/86	
	4,573,151	02/25/86	Jotwani	370/56	
	4,574,305	03/04/86	Campbell et al.	358/86	
	4,575,750	03/11/86	Calahan	358/86	
	4,577,289	03/18/86	Comerford et al.	364/900	
	4,578,536	03/25/86	Oliver et al.	179/2 AM	
	4,578,718	03/25/86	Parker et al.	360/10.3	
	4,580,165	04/01/86	Patton et al.	358/148	
	4,583,128	04/15/86	Anderson, Jr. et al.	358/302	
	4,584,641	04/22/86	Guglielmino	364/200	
	4,586,134	04/29/86	Norstedt	364/200	
	4,588,991	05/13/86	Atalla	340/825.31	
	4,589,064	05/13/86	Chiba et al.	364/200	
	4,590,516	05/20/86	Abraham	358/86	
	4,591,248	05/27/86	Freeman	352/133	
	4,591,664	05/27/86	Freeman	179/6.06	
	4,591,906	05/27/86	Morales-Garza et al.	358/84	MAR 2 7 2002
	4,592,546	06/03/86	Fascenda et al.	273/1 E	
	4,593,376	06/03/86	Volk	364/900	
	4,594,609	06/07/86	Romao et al.	358/119	
	4,595,950	06/17/86	Lofberg	358/122	
	4,595,951	06/17/86	Filliman	358/147	
	4,595,952	06/17/86	Filliman	358/47	
	4,596,021	06/17/86	Carter et al.	375/5	
	4,597,058	06/24/86	Izumi et al.	364/900	

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM		Attorney Docket No. 5634.150	Serial No. 08/446,431
		Applicant(s) John C. Harvey and James W. Cuddihy	
		Filing Date 22-May-95	Group Art Jnlt 2602

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/SUBCLASS	FILING DATE
Re.	27,810	November 20, 1973	Buehrle	325/321	
	33,189	September 3, 1861	Dougal		
	2,418,127	April 1, 1947	Labin	178/44	
	2,563,448	August 7, 1951	Aram	178/5.1	
	2,731,197	January 17, 1956	Parker et al.	235/60	
	3,071,649	January 1, 1963	Goodall	179/1.5	
	3,107,274	October 15, 1963	Roschke	178/5.1	
	3,133,986	May 19, 1964	Norris et al.	178/5.1	
	3,251,051	May 10, 1966	Harries	340/345	
	3,470,309	September 30, 1969	Nyberg	178/5.1	
	3,478,166	November 11, 1969	Reiter et al.	178/5.1	
	3,526,843	September 1, 1970	Sanville	329/104	
	3,546,684	December 8, 1970	Maxwell et al.	340/172.5	
	3,639,686	February 1, 1972	Walker et al.	178/5.8R	
	3,649,749	March 14, 1972	Gibson	178/5.6	
	3,651,261	March 21, 1972	Cuanella	178/22	
	3,666,888	May 30, 1972	Sekimoto	178/69.5 TV	
	3,723,637	March 27, 1973	Fujio et al.	178/5.2R	
	3,746,799	July 17, 1973	Gentges	178/22	
	3,755,624	August 28, 1973	Sekimoto	178/69.5 TV	
	3,769,579	October 30, 1973	Hamey	325/31	
	3,773,979	November 20, 1973	Kirk, Jr. et al.	179/15 FD	
	3,777,053	December 4, 1973	Wittig et al.	178/5.1	
	3,789,131	January 29, 1974	Hamey	178/5.1	
	3,794,922	February 26, 1974	Csborn et al.	325/53	
	3,795,763	March 5, 1974	Golding et al.	178/5.6	
	3,813,482	May 28, 1974	Blonder	178/5.1	
	3,826,863	July 30, 1974	Johnson	178/5.1	
	3,859,596	January 7, 1975	Jenney et al.	325/31	
	3,882,289	May 6, 1975	Walding et al.	200/11 D	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MDM.

	4,124,887	November 7, 1978	Johnson et al.	364/107
	4,126,762	November 21, 1978	Martin et al.	179/2A
	4,135,213	January 16, 1979	Wintfeld et al.	358/142
	4,142,156	February 27, 1979	Freund	325/309
	4,145,717	March 20, 1979	Guil et al.	358/121
	4,148,066	April 3, 1979	Saylor	358/127
	4,156,253	May 22, 1979	Steudel	358/11
	4,156,931	May 29, 1979	Adelman et al.	364/900
	4,163,252	July 31, 1979	Mistry et al.	358/118
	4,180,709	December 25, 1979	Cosgrove et al.	179/2 AM
	4,199,656	April 22, 1980	Saylor	178/66.1
	4,199,781	April 22, 1980	Doumit	358/83
	4,199,809	April 22, 1980	Pasahow et al.	364/200
	4,207,524	June 10, 1980	Purchase	375/22
	4,214,273	July 22, 1980	Brown	358/188
RL 6/21/10	Re. 4,215,366/ 31,735	November 13, 1984 Nov, 1984	Davidson - JU/ 1980	358/124
	4,216,497	August 5, 1980	Ishman et al.	358/84
	4,222,068	September 9, 1980	Thompson	358/120
	4,225,884	September 30, 1980	Block et al.	358/122
	4,245,246	January 13, 1981	Cheung	358/124
	4,246,611	January 20, 1981	Davies	358/194
	4,247,947	January 27, 1981	Miyamoto	455/38
	4,250,521	February 10, 1981	Wright	358/8
	4,258,386	March 24, 1981	Cheung	358/84
	4,266,243	May 5, 1981	Shutterly	358/121
	4,272,784	June 9, 1981	Saito et al.	358/127
	4,273,962	June 16, 1981	Wolfe	179/7.1R
	4,292,650	September 29, 1981	Hendrickson	358/123
	4,295,155	October 13, 1981	Jarger et al.	358/12
	4,301,542	November 17, 1981	Weintraub et al.	455/353
	4,305,101	December 8, 1991	Yarbrough et al.	360/69
	4,310,854	January 12, 1982	Baer et al.	358/143
	4,316,217	February 16, 1982	Rifken	358/86
	4,318,047	March 2, 1982	Dawson	328/112
	4,323,921	April 6, 1982	Guillou	358/114
	4,323,922	April 6, 1982	den Toonder et al.	358/117
	4,329,711	May 11, 1982	Cheung	358/114
	4,335,426	June 15, 1982	Maxwell et al.	364/200
	4,340,906	July 20, 1982	den Toonder et al.	358/124
	4,341,925	July 27, 1982	Frosch et al.	178/22.1
	4,343,042	August 3, 1982	Schrock et al.	455/5
	4,348,696	September 7, 1982	Bejer	358/188
	4,351,028	September 21, 1982	Peddie et al.	364/483
	4,354,201	October 12, 1982	Sechet et al.	358/122

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MDN

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	4,494,142	January 15, 1985	Mistry	358/118	
	4,496,975	January 29, 1985	Noirel	358/147	
	4,504,831	March 12, 1985	Jahr et al.	340/870.0	
	4,506,387	March 9, 1985	Walter	455/612	
	4,510,623	April 9, 1985	Bonneau et al.	455/181	
	4,528,589	July 9, 1985	Block et al.	358/122	
	4,531,020	July 23, 1985	Wechselberger et al.	178/22.08	
	4,531,021	July 23, 1985	Bluestein et al.	178/22.08	
	4,540,849	September 10, 1985	Oliver	179/2 AM	
	4,543,616	September 24, 1985	Brooks	358/335	
	4,547,804	October 15, 1985	Greenberg	358/142	
	4,554,584	November 19, 1985	Elam et al.	358/165	
	4,558,464	December 10, 1985	O'Brien, Jr.	455/4	
	4,563,702	January 7, 1986	Heller et al.	358/119	
	4,566,030	January 21, 1986	Nickerson et al.	358/84	
	4,570,930	February 18, 1986	Matheson	273/1 E	
	4,578,536	March 25, 1986	Oliver et al.	179/2 AM	
	4,578,718	March 25, 1986	Parker et al.	360/10.3	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,594,609	July 10, 1986 June	Romao et al.	358/119	
	4,595,952	June 17, 1986	Filliman	358/47	
	4,600,918	July 15, 1986	Belisomi et al.	340/711	
	4,600,921	July 15, 1986	Thomas	340/825.31	
	4,605,964	August 12, 1986	Chard	358/147	
	4,611,227	September 9, 1986	Brockhurst et al.	358/147	
	4,613,901	September 23, 1986	Gilhouse et al.	358/122	
	4,621,259	November 4, 1986	Schepers et al.	340/707	
	4,621,285	November 4, 1986	Schilling et al.	358/120	
	4,623,920	November 18, 1986	Dufresne et al.	358/122	
	4,626,892	December 2, 1986	Norrtup et al.	358/21 R	
	4,633,297	December 30, 1996	Skerlos et al.	358/22	
	4,636,858	January 13, 1987	Hague et al.	358/147	
	4,638,357	January 20, 1987	Heimbach	358/121	
	4,639,779	January 27, 1987	Greenberg	358/142	
	4,646,145	February 24, 1987	Percy et al.	358/84	
	4,649,533	March 10, 1987	Chorley et al.	370/58	
	4,658,290	April 14, 1987	McKenna	358/84	
	4,677,685	June 30, 1987	Kurisu	455/4	
	4,694,490	September 15, 1987	Harvey et al.	380/20	
	4,704,725	November 3, 1987	Harvey et al.	380/48	
	4,706,121	November 10, 1987	Young	358/142	
	4,710,919	December 1, 1987	Oliver et al.	370/96	
	4,710,955	December 1, 1987	Kauffman	380/10	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH: /MDN/

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5,062,136	October 29, 1991	Gattis et al.	380/18
5,067,149	November 19, 1991	Schneid et al.	379/224
5,072,418	December 10, 1991	Boutaud et al.	364/715.05
5,075,771	December 24, 1991	Hashimoto	358/84
5,083,800	January 12, 1992	Lockton	273/439
5,093,718	March 3, 1992	Hoarty et al.	358/84
5,093,921	March 3, 1992	Bevins Jr.	455/4
5,101,267	March 31, 1992	Morales-Garza	358/84
5,108,115	April 28, 1992	Berman et al.	273/439
5,109,414	April 28, 1992	Fechner et al. <i>Harvey</i>	368/47
5,111,401	May 5, 1992	Everett, Jr. et al.	364/424.02
5,113,496	May 12, 1992	McCalley et al.	395/200
5,120,076	June 9, 1992	Luxemberg et al	273/439
5,124,942	June 23, 1992	Nielsen et al.	395/100
5,132,992	July 21, 1992	Yurt et al.	375/122
5,133,079	July 21, 1992	Ballantyne et al.	455/4.1
5,140,419	August 18, 1992	Galumbeck et al.	358/142
5,142,677	August 25, 1992	Ehlig et al.	395/650
5,142,690	August 25, 1992	McMullan, Jr. et al.	455/6.1
5,144,664	September 1, 1992	Esserman et al.	380/20
5,148,482	September 15, 1992	Bocci et al.	380/48
5,151,789	September 29, 1992	Young	358/194
5,155,590	October 13, 1992	Beyers, II et al.	358/86
5,155,591	October 13, 1992	Wachob	358/86
5,155,812	October 13, 1992	Ehlig et al.	395/275
5,157,716	October 20, 1992	Naddor et al.	379/92
5,164,839	November 17, 1992	Lang	358/335
5,172,413	December 15, 1993	Bradley et al.	380/20
5,181,113	January 19, 1993	Chang	358/142
5,185,796	February 9, 1993	Wilson	380/21
5,187,797	February 16, 1993	Nielsen et al.	395/800
5,191,410	March 7, 1993	McCalley et al.	358/86
5,195,092	March 16, 1993	Wilson et al.	370/94.2
5,195,134	March 16, 1993	Inoue	380/20
5,202,916	April 13, 1993	Oliver	379/106
5,204,768	April 20, 1993	Tsakiris et al.	359/148
5,208,665	May 4, 1993	McCalley et al.	358/86
5,212,553	May 18, 1993	Maruoka	358/188
5,213,337	May 25, 1993	Sherman	273/439
5,216,504	June 1, 1993	Webb et al.	358/139
5,220,501	June 15, 1993	Lawlor et al.	364/408
5,222,137	June 22, 1993	Barrett et al.	380/21
5,223,924	June 29, 1993	Strubbe	358/86
5,225,902	July 6, 1993	McMullan, Jr.	358/86

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MDN/

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	TRANSLATION NO
	0 020 242	December 10, 1980	European	G09G 1/16		X
	0 035 456	September 9, 1981	European	H05B 3/72		X
	0 046 108	February 17, 1982	European	H04N 5/76		X
	0 049 184	April 7, 1982	European	G09B 7/08		X
	0 055 167	June 30, 1982	European	G09G 1/16		X
	0 056 649	July 28, 1982	European	H04N 5/44	X	
	0 077 712	April 27, 1983	European	H04N 7/00		X
	0 078 185	May 4, 1983	European	H04N 7/00		X
	0 583 196 A1	February 16, 1994	European	H04N 7/173	X	
	1 565 319	April 16, 1980	Great Britain	C07D 231/12	X	
	1,189,612	June 25, 1985	Canada	Ho4n 7/08	X	
	1,216,977	June 8, 1983	Canada	H04M 11/00	X	
<i>R/V 6/21/10</i>						
	1,396,981	June 1975	United Kingdom			
	1,523,307	August 31, 1978	Great Britain	H03K 5/08	X	
	1,543,502	April 14, 1979	United Kingdom	G08B9/00	X	
	1,582,563	January 14, 1981	United Kingdom	G08B9/00	X	
	1,584,111	February 4, 1981	United Kingdom	G08B9/00	X	
	2,051,527	January 14, 1981	Great Britain	G06F 3/153	X	
	2,067,379	July 22, 1981	Great Britain	H04L 1/24	X	
	2,090,504	July 7, 1982	Great Britain	H04N 3/16	X	
	2,103,455	February 16, 1983	Great Britain	H04N 1/00 7/12	X	
	2,496,376	June 18, 1982	France	H04N 7/00		X
	2,516,733	May 5, 1983	France	H04N 7/00		X
	2,823,175	November 29, 1979	Germany	G06F 3/12		X
	24 53 441	May 13, 1976	Germany	H04L 9/00		X
	DE 3039949	May 6, 1982	Germany	H04M 3/42		X
	DE 3112249	October 7, 1982	Germany	G09G 1/28		X
	80/02901	December 24, 1980	France	H04N 7/16		X
	857,862	January 4, 1961	United Kingdom	40 (1)	X	
	DE 3020787	December 12, 1981	Germany	H04N 7/08		X
	GB 2 081 948 A	February 24, 1982	United Kingdom	H04Q 9/00		
	WO80/00292	February 21, 1980	Japan	H04N9/16		X
	WO83/00789	March 3, 1983	Japan	H04N 7/08		X
	WO89/02682	March 23, 1989	Japan	H04K 7/00	X	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No. 05634.0150	Serial No. 08/446,431
CITATION FORM	Applicant(s) John C. Harvey and James W. Cuddihy	MAY 15 2001
	Filing Date May 22, 1995	Group Art Unit 2600

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	1,927,702	September 19, 1933	Foss	705/36	December 3, 1932
	2,511,085	June 13, 1950	Smith	381/104	November 15, 1946
	2,573,349	October 30, 1951	Miller et al.	725/14	December 9, 1949
	2,769,023	October 30, 1956	Loew et al.	725/143	January 19, 1950
	2,788,387	April 9, 1957	Druz	380/320	October 2, 1951
	2,864,865	December 16, 1958	Morris	568/430	May 4, 1955
	2,866,962	December 30, 1958	Ellet	380/227	December 6, 1955
	2,969,427	January 24, 1961	See	348/705	May 27, 1957
	3,008,000	November 7, 1961	Morchand	725/138	September 11, 1958
	3,016,091	January 9, 1962	Daniele	162/391	August 11, 1960
	3,071,642	January 1, 1963	Mountjoy et al.	725/151	February 21, 1957
	3,213,201	October 19, 1965	Flood et al.	370/381	July 2, 1962
	3,238,297	March 1, 1966	Pawley et al.	380/240	July 8, 1951
	3,244,806	April 5, 1966	Morris	725/151	January 30, 1962
	3,363,250	January 9, 1968	Jacobson	340/825.17	July 20, 1965
	3,371,071	February 27, 1968	Webb	428/355EN	January 18, 1965
	3,387,268	June 4, 1968	Epstein	340/825.26	September 9, 1963
	3,531,583	September 29, 1970	Walker	380/230	July 28, 1966
	3,531,586	September 29, 1970	Bass et al.	725/151	April 19, 1965
	3,536,833	October 27, 1970	Guanella	380/28	July 8, 1965
	3,569,937	March 9, 1971	Hoettter	340/825.75	November 6, 1968
	3,573,747	April 6, 1971	Adams et al.	705/37	February 24, 1969
	3,586,767	June 22, 1971	Morchand	348/473	June 4, 1968
	3,586,771	June 22, 1971	Hamburger et al.	725/1	October 25, 1968
	3,601,528	August 24, 1971	McVoy	724/143	June 16, 1969
	3,606,688	Sept. - April 24, 1971	Zawels et al.	434/323	July 11, 1969
	3,609,697	September 28, 1971	Blevins et al.	717/2	October 21, 1968
	3,627,914	December 14, 1971	Davies	348/722	September 4, 1969
	3,648,270	March 7, 1972	Metz et al.	345/24	August 11, 1969
	3,657,699	April 18, 1972	Rocher et al.	380/265	June 30, 1970
	3,659,046	April 5, 1972	Angeleri et al.	380/43	May 13, 1969
	3,676,580	July 11, 1972	Beck	725/16	June 1, 1970
	3,693,090	September 29, 1972	Gabriel	725/1	August 8, 1969
	3,703,684	November 21, 1972	McVoy	725/16	June 25, 1971
	3,716,835	February 13, 1973	Weinberg	340/825.27	March 19, 1971
	3,725,672	April 3, 1973	Reuter	327/176	July 30, 1971

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MDN/

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,729,581	April 24, 1973	Ancleson	348/640	September 3, 1973
	3,731,197	May 1, 1973	Clark	380/36	December 15, 1969
	3,736,369	May 29, 1973	Vogelman et al.	380/228	March 13, 1972
	3,744,043	July 3, 1973	Walden et al.	340/870.7	June 1, 1971
	3,746,780	July 17, 1973	Stetten et al.	386/95	February 25, 1971
	3,749,845	July 31, 1973	Fraser	370/433	August 27, 1971
	3,754,211	August 21, 1973	Rocher et al.	714/749	December 30, 1971
	3,755,624	August 28, 1973	Sekimoto	348/495	April 22, 1971
	3,757,225	September 4, 1973	Ukicki	725/1	March 16, 1972
	3,761,888	September 25, 1973	Flynn	710/18	August 3, 1972
	3,773,977	November 20, 1973	Guanella	380/36	June 21, 1971
	3,777,053	December 4, 1973	Wittig et al.	380/228	May 16, 1972
	3,789,137	January 29, 1974	Newell	386/98	April 7, 1972
	3,798,359	March 19, 1974	Feistel	380/37	June 30, 1971
	3,798,610	March 19, 1974	Bliss et al.	709/236	December 20, 1972
	3,806,814	April 23, 1974	Forbes	725/119	April 26, 1972
	3,819,852	June 24, 1974	Wolf	348/478	August 29, 1972
	3,824,332	July 16, 1974	Horowitz	380/222	February 18, 1972
	3,824,467	July 16, 1974	French	380/35	December 1, 1972
	3,825,893	July 23, 1974	Bossen et al.	714/757	May 29, 1973
	3,833,757	September 3, 1974	Kirk, Jr. et al.	725/144	April 10, 1972
	3,835,387	September 10, 1974	Rookes et al.	725/151	November 15, 1972
	3,842,196	October 15, 1974	Loughlin	348/486	November 12, 1973
	3,845,391	October 29, 1974	Crosby	455/39	July 15, 1971
	3,859,458	January 7, 1975	Takezawa et al.	348/24	August 30, 1973
	3,882,392	May 6, 1975	Harney	725/79	January 29, 1973
	3,890,461	June 17, 1975	Vogelman et al.	380/228	March 27, 1973
	3,891,792	June 24, 1975	Kirnura	348/622	June 25, 1974
	3,893,031	July 1, 1975	Majeau et al.	380/274	November 8, 1972
	3,894,176	July 8, 1975	Mellon	380/230	178/5.1
	3,899,633	August 12, 1975	Sorenson et al.	380/207	May 12, 1972
	3,909,512	September 30, 1975	Omori et al.	386/75	October 5, 1973
	3,911,216	October 7, 1975	Bartek et al.	380/46	December 17, 1973
	3,911,419	October 7, 1975	Bates et al.	345/162	November 23, 1973
	3,914,534	October 21, 1975	Forbes	380/220	October 29, 1973
	3,916,091	October 28, 1975	Kirk, Jr. et al.	380/242	January 31, 1973
	3,919,462	November 11, 1975	Hartung et al.	380/235	August 15, 1973
	3,921,151	November 18, 1975	Guanella	380/36	July 12, 1973
	3,922,482	November 25, 1975	Gabriel et al.	725/31	August 20, 1971
	3,934,079	January 20, 1976	Barnhart	725/131	October 26, 1973
	3,936,593	February 3, 1976	Aaronson et al.	380/219	August 5, 1974
	3,936,594	February 3, 1976	Schutin et al.	380/238	August 5, 1974
	3,944,931	March 16, 1976	Usami et al.	455/192.2	November 14, 1974
	3,949,313	April 6, 1976	Tamada et al.	341/50	May 28, 1974
	3,956,615	May 11, 1976	Anderson et al.	705/72	June 25, 1974

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,237,484	December 2, 1980	Brown et al.	375/240.12	August 8, 1979
	4,237,486	December 2, 1980	Shimp	348/475	November 9, 1978
	4,245,246	January 13, 1981	Cheung	380/235	August 3, 1978
	4,247,106	January 27, 1981	Jeffers et al.	463/29	April 12, 1978
	4,250,489	February 10, 1981	Dudash et al.	340/825.02	October 31, 1978
	4,250,521	February 10, 1981	Wright	348/616	June 19, 1979
	4,250,524	February 10, 1981	Tomizawa	380/232	February 22, 1979
	4,251,691	February 17, 1981	Kakihara et al.	348/14.01	December 1, 1978
	4,253,114	February 24, 1981	Tang et al.	380/212	September 26, 1978
	4,253,157	February 24, 1981	Kirschner et al.	707/104	September 29, 1978
	4,262,329	April 14, 1981	Bright et al.	713/164	March 27, 1978
	4,264,925	April 28, 1981	Freeman et al.	725/138	August 13, 1979
	4,266,243	May 5, 1981	Shutterly	380/236	April 25, 1979
	4,275,411	June 23, 1981	Lippel	348/472	April 19, 1978
	4,283,602	August 11, 1981	Adams et al.	380/41	September 23, 1968
	4,284,976	August 18, 1981	Gable et al.	340/825.43	June 7, 1979
	4,286,281	August 25, 1981	Suzuki	386/12	September 26, 1979
	4,287,592	September 1, 1981	Paulish et al.	370/403	May 23, 1979
	4,288,809	September 8, 1981	Yabe	348/468	May 21, 1980
	4,290,141	September 15, 1981	Anderson et al.	725/24	July 2, 1979
	4,295,223	October 13, 1981	Shutterly	455/72	April 25, 1979
	4,302,771	November 24, 1981	Gargini	725/119	July 23, 1980
	4,304,990	December 8, 1981	Atalla	380/45	February 4, 1980
	4,305,131	December 8, 1981	Best	345/327	March 31, 1980
	4,306,289	December 15, 1981	Lumley	713/190	February 4, 1980
	4,306,305	December 15, 1981	Doi et al.	714/755	October 19, 1979
	4,307,446	December 22, 1981	Bartón et al.	710/131	May 2, 1979
	4,310,854	January 12, 1982	Baer	348/484	August 28, 1979
	4,312,016	January 19, 1982	Glaab et al.	348/706	February 2, 1979
	4,313,132	January 26, 1982	Doles et al.	725/26	October 31, 1979
	4,314,367	February 2, 1982	Bakka et al.	370/422	January 17, 1980
	4,316,055	February 16, 1982	Feistel	380/37	December 30, 1976
	4,316,245	February 16, 1982	Luu et al.	709/106	December 7, 1978
	4,317,215	February 23, 1982	Tabata et al.	725/131	September 11, 1979
	4,318,125	March 2, 1982	Shutterly	380/236	April 25, 1979
	4,319,079	March 9, 1982	Best	713/190	January 17, 1980
	4,322,745	March 30, 1982	Saeki et al.	380/242	March 21, 1980
	4,323,921	April 6, 1982	Guillou	705/53	January 23, 1980
	4,323,922	April, January 6, 1982 den	de Toonder et al.	380/226	December 17, 1979
	4,325,078	April 13, 1982	Seaton et al.	380/230	November 20, 1979
	4,329,675	May 11, 1982	Van Hulle	725/32	September 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	345/180	January 15, 1980
	4,330,794	May 18, 1982	Sherwood	380/206	February 25, 1980
	4,332,980	June 1, 1982	Reynolds et al.	370/259	May 30, 1980
	4,334,242	June 8, 1982	Mangold	386/46	January 14, 1980

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,336,553	June 22, 1982	den Toonder et al.	380/206	May 14, 1980
	4,336,559	June 22, 1982	Koyaina et al.	260/73.05	November 9, 1978
	4,337,480	June 29, 1982	Bourassine et al.	348/552	February 8, 1980
	4,338,628	July 6, 1982	Payne et al.	380/213	December 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	463/26	December 17, 1979
	4,340,903	July 20, 1982	Tamura	348/187	August 6, 1980
	4,343,042	August 3, 1982	Schrock et al.	725/116	June 9, 1979
	4,347,498	August 31, 1982	Lee et al.	340/825.02	November 21, 1979
	4,347,532	August 31, 1982	Korver	348/565	October 14, 1980
	4,353,088	October 5, 1982	den Toonder et al.	380/206	May 14, 1980
	4,354,201	October 12, 1982	Sechet et al.	380/228	June 11, 1980
	4,360,828	November 23, 1982	Briggs, Jr. et al.	725/114	August 7, 1978
	4,361,851	November 30, 1982	Asip et al.	725/14	January 4, 1980
	4,361,877	November 30, 1982	Dyer et al.	702/176	February 5, 1980
	4,364,081	December 14, 1982	Hashimoto et al.	348/617	April 16, 1981
	4,365,110	December 21, 1982	Lee et al.	380/28	June 5, 1979
	4,367,548	January 4, 1983	Cotten, Jr. et al.	359/125	April 10, 1980
	4,367,557	January 4, 1983	Stern et al.	725/149	May 25, 1979
	4,368,483	January 11, 1983	Liu	348/617	June 22, 1981
	4,368,486	January 11, 1983	Degoulet et al.	348/598	February 25, 1981
	4,374,437	February 15, 1983	Citta et al.	455/164.2	December 29, 1980
	4,375,579	March 1, 1983	Davidia et al.	380/28	January 30, 1980
	4,375,651	March 1, 1983	Templin et al.	348/731	July 27, 1981
	4,378,470	March 29, 1983	Murto, et al.	379/93.05	March 25, 1981
	4,379,205	April 5, 1983	Wyner	380/28	June 22, 1979
	4,385,324	May 24, 1983	Shioda et al.	348/781	November 16, 1981
	4,388,643	June 14, 1983	Aminetzah	380/239	April 6, 1981
	4,388,645	June 14, 1983	Cox et al.	348/468	April 13, 1981
RL 6/21/10	4,388,664 44	June 14, 1983	Ishman et al.	361/93.6	August 3, 1981
	4,389,671	June 21, 1983	Posner et al.	380/235	September 29, 1980
	4,390,898	June 28, 1983	Bond et al.	380/241	March 23, 1981
	4,394,691	July 19, 1983	Amaro et al.	348/734	July 30, 1981
	4,394,762	July 19, 1983	Nabeshima	714/758	January 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	709/104	April 14, 1981
	4,396,915	August 2, 1983	Farnsworth et al.	340/870.03	March 31, 1980
	4,396,946	August 2, 1983	Bond	380/226	March 23, 1981
	4,396,947	August 2, 1983	Chéung	380/222	March 26, 1980
	4,398,216	August 9, 1983	Field et al.	380/238	September 19, 1980
	4,400,587	August 23, 1983	Taylor et al.	379/113	August 25, 1981
	4,405,942	September 20, 1983	Block et al.	380/214	March 3, 1982
	4,410,917	October 18, 1983	Newdöll et al.	360/15	September 14, 1981
	4,413,339	November 1, 1983	Riggle et al.	714/765	July 24, 1981
	4,415,771	November 15, 1983	Martinez	379/43	April 3, 1981
	4,422,093	December 20, 1983	Pargee, Jr.	725/115	January 27, 1983
	4,424,532	January 3, 1984	den Toonder et al.	380/226	May 9, 1983

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No. 05634.0150	Serial No. 09446,431
CITATION FORM	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 22, 1995	Group Art Unit 2737

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	3,627,914	December 14, 1971	Davis	178/5.8	September 4, 1969
	3,761,888	September 25, 1973	Flynn	340/172.5	August 3, 1972
	4,199,791	April 22, 1980	Corey	360/69	April 17, 1978
	4,290,142	September 1, 1981	Schnee et al.	455/3.1	
	4,390,901	June 28, 1983	Keiser	358/147	October 16, 1980
	4,547,804	October 1, 1985	Greenberg	348/460	March 21, 1983
	4,725,886	February 1, 1988	Galumbeck et al.	348/461	April 21, 1983

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	AUS74,619	April 29, 1976	Australia		X
	DE2,904,894 981	Aug. 1979	Germany		X
	GB1,556,366	November 21, 1979	Great Britain		X
	GB959,274	May 27, 1964	Great Britain		X
	WO 80/02093	March 28, 1979	PCT		X

OTHER DOCUMENTS

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	February 1, 1979 Schiller et al., CATV Program Origination and Production
	May 8, 1981 Kamishima, et al. A Monitor Device of a Switcher System
	April 1, 1979 Kazama et al. Automatic Storage and Retrieval of Videotaped Programs
	Yamane et al. System and Apparatus for Automatic Monitoring Control of Broadcast Circuits
	November 1, 1959 Marsden Master Control Techniques
	January 1, 1959 Byloff Automatic Control of Video Tape Equipment at NBC, Burbank
	March 1, 1981 Skilton The Digitrol 2 - Automatic VTR Programme Control
	January 1, 1969 Zettl Television Production Handbook
	May 22, 1975 Diederich Electronic Image and Tone Return Equipment With Switching System and Remote Control Receiver for Television Decoder
	Stern, et al. An Automated Programming Control System for Cable TV
	September 1, 1976 Barlow Automatic Switching in the CBC - An Update
	September 1, 1971 Anderson The Vertical Interval: A General-Purpose Transmission Path
	November 1, 1975 Gaucher, et al. Automatic Program Recording System

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